Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041305.D
Acq On : 18 Jun 2019 20:00
Operator : HP/JU
Sample : K3409-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-1MS

Manual Integrations APPROVED
mohammad
6/21/2019 9:56:54 PM

Quant Time: Jun 19 06:55:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39958	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	152388	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	106477	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	264145	20.00	ng		0.00
76) Chrysene-d12	21.74	240	269173	20.00	ng		0.00
87) Perylene-d12	25.05	264	283622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	275272	126.58	ng		0.00
7) Phenol-d6	7.24	99	395062	125.33	ng		0.00
23) Nitrobenzene-d5	9.26	82	277399	76.56	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	177036	108.30	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	459627	58.67	ng		0.00
79) Terphenyl-d14	20.06	244	768001	56.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	33419	30.646	ng		96
3) Pyridine	3.89	79	83662	28.920	ng		98
4) n-Nitrosodimethylamine	3.81	42	59406	38.507	ng		97
6) Aniline	7.41	93	78179	17.843	ng		98
8) 2-Chlorophenol	7.64	128	106002	41.484	ng		95
9) Benzaldehyde	7.22	77	26099	12.945	ng		90
10) Phenol	7.26	94	149202	44.016	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	102630	39.903	ng		98
12) 1,3-Dichlorobenzene	7.97	146	116995	36.567	ng		94
13) 1,4-Dichlorobenzene	8.12	146	121378	37.139	ng		98
14) 1,2-Dichlorobenzene	8.44	146	116862	37.437	ng		96
15) Benzyl Alcohol	8.32	79	117829	39.014	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	159009	37.766	ng		97
17) 2-Methylphenol	8.52	107	98963	40.836	ng		98
18) Hexachloroethane	9.16	117	45924	35.460	ng		91
19) n-Nitroso-di-n-propylamine	8.89	70	98286	38.551	ng		95
20) 3+4-Methylphenols	8.85	107	135159	41.895	ng		93
22) Acetophenone	8.91	105	179621	40.505	ng	#	97
24) Nitrobenzene	9.31	77	150703	41.354	ng		99
25) Isophorone	9.82	82	270106	40.632	ng		98
26) 2-Nitrophenol	10.01	139	63650	43.082	ng		96
27) 2,4-Dimethylphenol	10.06	122	106715	48.187	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	136550	39.423	ng		97
29) 2,4-Dichlorophenol	10.54	162	122777	44.712	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	136194	38.727	ng		93
31) Naphthalene	10.95	128	332291	40.122	ng		99
32) Benzoic acid	10.21	122	54576	37.857	ng		91
33) 4-Chloroaniline	11.07	127	45677	12.986	ng		96
34) Hexachlorobutadiene	11.21	225	103117	36.940	ng		94
35) Caprolactam	11.86	113	34819m	36.833	ng		
36) 4-Chloro-3-methylphenol	12.18	107	137726	43.423	ng		99
37) 2-Methylnaphthalene	12.55	142	245678	40.276	ng		95
38) 1-Methylnaphthalene	12.77	142	236680	40.554	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	183241	41.677	ng		99

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Quant Time: Jun 19 06:55:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	194290	65.603	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	117699	43.274	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	123851	44.255	ng		93
46) 1,1'-Biphenyl	13.55	154	334948	41.610	ng		99
47) 2-Chloronaphthalene	13.60	162	275877	39.808	ng		97
48) 2-Nitroaniline	13.81	65	99278	39.115	ng		92
49) Acenaphthylene	14.44	152	426157	40.523	ng		99
50) Dimethylphthalate	14.16	163	431822	45.580	ng		98
51) 2,6-Dinitrotoluene	14.30	165	80478	40.287	ng		98
52) Acenaphthene	14.78	154	245834	39.809	ng		97
53) 3-Nitroaniline	14.63	138	41395	21.033	ng	#	99
54) 2,4-Dinitrophenol	14.84	184	86603	61.487	ng		94
55) Dibenzofuran	15.12	168	431946	40.230	ng		98
56) 4-Nitrophenol	14.94	139	117605	78.712	ng		98
57) 2,4-Dinitrotoluene	15.09	165	113626	38.912	ng	#	96
58) Fluorene	15.76	166	339468	40.192	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	126608	43.748	ng		99
60) Diethylphthalate	15.52	149	367429	38.157	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	213996	38.942	ng		99
62) 4-Nitroaniline	15.80	138	75952	36.082	ng		96
63) Azobenzene	16.04	77	341940	39.804	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	64058	37.362	ng		95
66) n-Nitrosodiphenylamine	15.97	169	306979	43.768	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	137455	40.245	ng		94
68) Hexachlorobenzene	16.76	284	143085	39.122	ng		96
69) Atrazine	16.91	200	131140	Below Cal			98
70) Pentachlorophenol	17.11	266	168970	90.223	ng		99
71) Phenanthrene	17.51	178	574992	40.815	ng		99
72) Anthracene	17.60	178	578493	41.652	ng		100
73) Carbazole	17.87	167	499529	41.115	ng		99
74) Di-n-butylphthalate	18.40	149	595958	39.312	ng		99
75) Fluoranthene	19.51	202	757877	40.494	ng		99
77) Benzidine	19.69	184	178367	27.396	ng		99
78) Pyrene	19.87	202	753389	41.502	ng		99
80) Butylbenzylphthalate	20.74	149	272441	39.677	ng		95
81) Benzo(a)anthracene	21.72	228	725278	39.795	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	119571	18.689	ng		98
83) Chrysene	21.79	228	711206	40.578	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	380804	40.695	ng		99
85) Di-n-octyl phthalate	22.82	149	651964	41.181	ng		99
86) Indeno(1,2,3-cd)pyrene	28.85	276	836431	40.223	ng		99
88) Benzo(b)fluoranthene	23.99	252	724319	41.208	ng		97
89) Benzo(k)fluoranthene	24.06	252	716342	41.140	ng		99
90) Benzo(a)pyrene	24.90	252	708492	42.680	ng		99
91) Dibenzo(a,h)anthracene	28.91	278	688206	41.180	ng		99
92) Benzo(g,h,i)perylene	30.06	276	686325	41.556	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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